

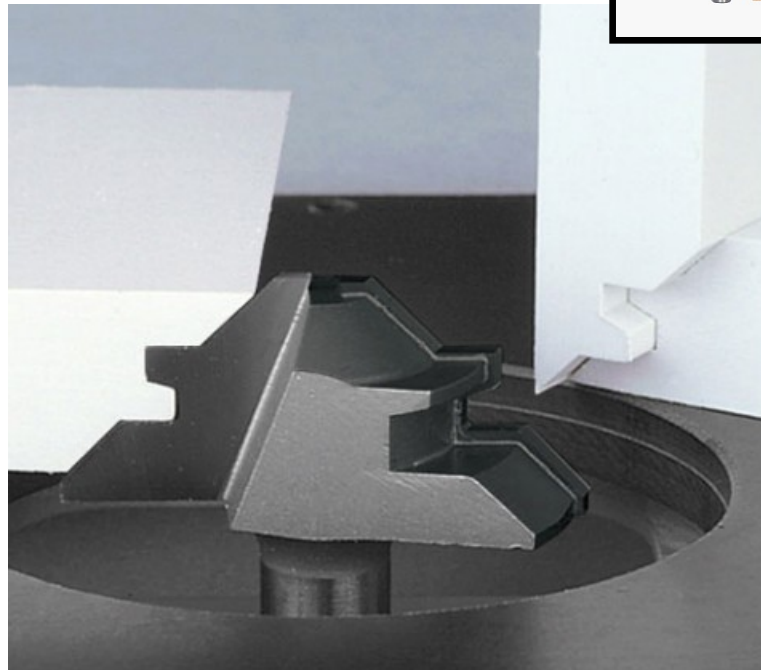
How to Set-Up a Lock Miter Router Bit to Make Boxes



Video By: Dale C. Maley, Fairbury, Illinois, March 2024

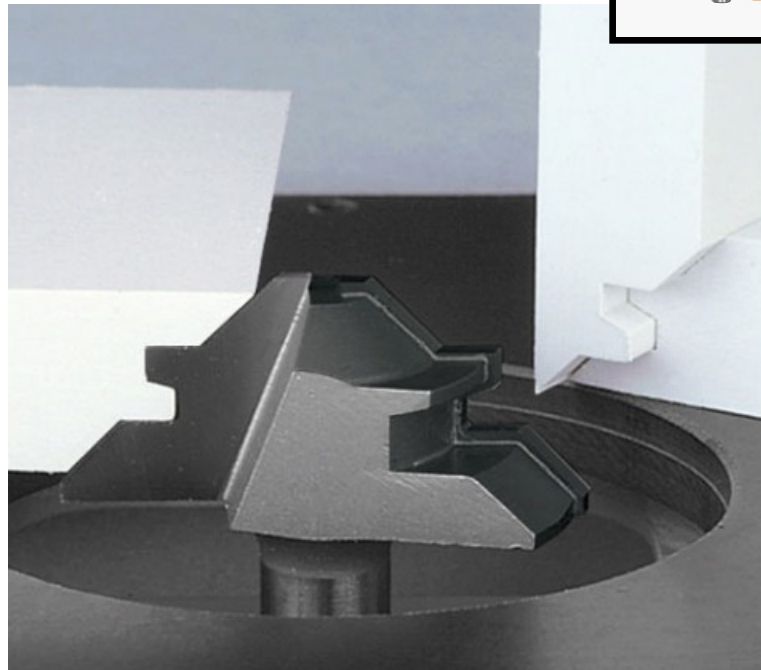
How to Set-Up a Lock Miter Router Bit to Make Boxes

- This is a MLCS Woodworking bit
- Bits made by several companies, but similar in design
- Can buy nylon set-up block if not out of stock
- Still need to know how to adjust bit height & fence distance

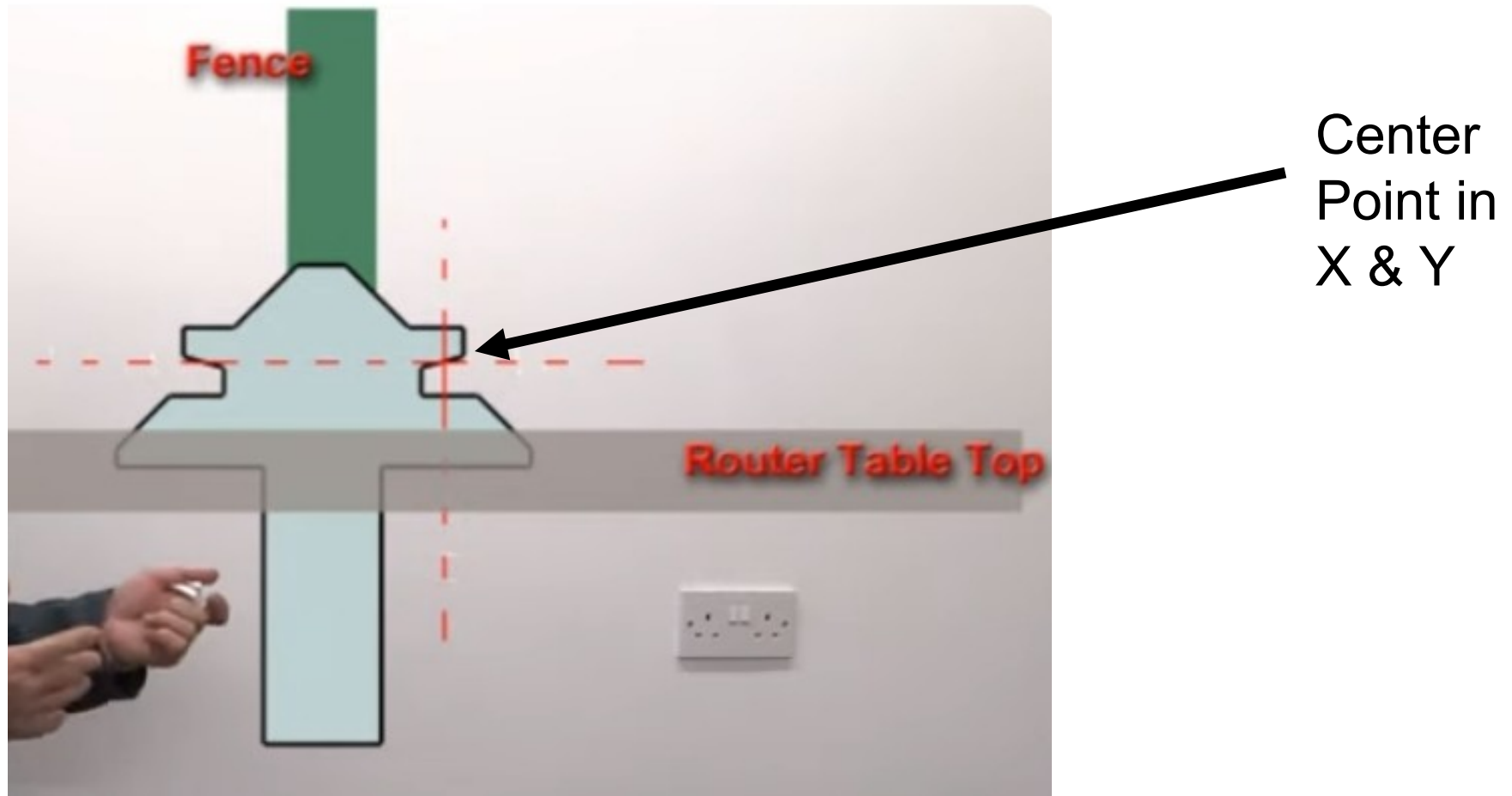


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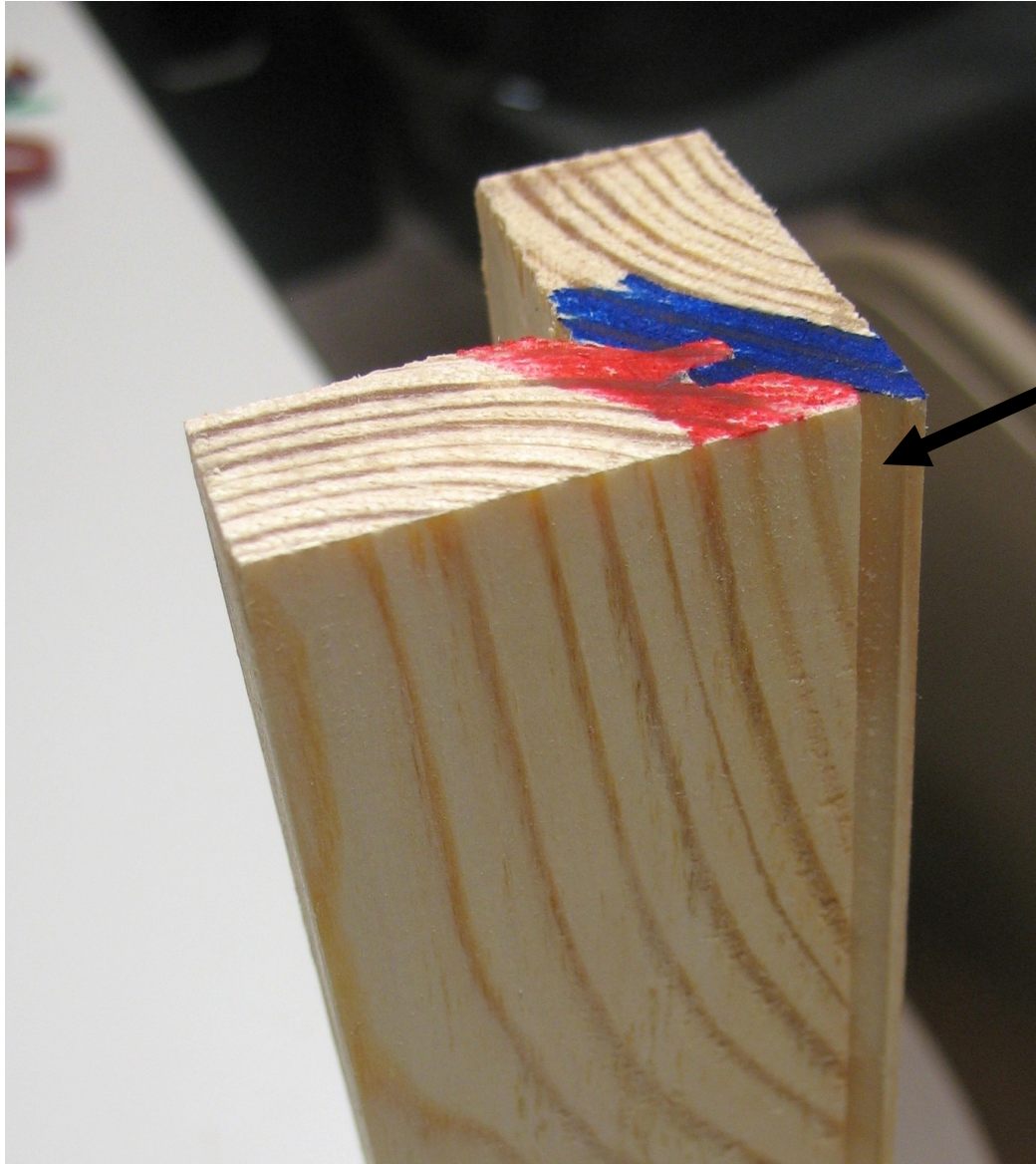


How to Set-Up a Lock Miter Router Bit to Make Boxes



- Good starting point => mark centerline of $\frac{3}{4}$ " thick board
- Align bit height and fence depth to be center point

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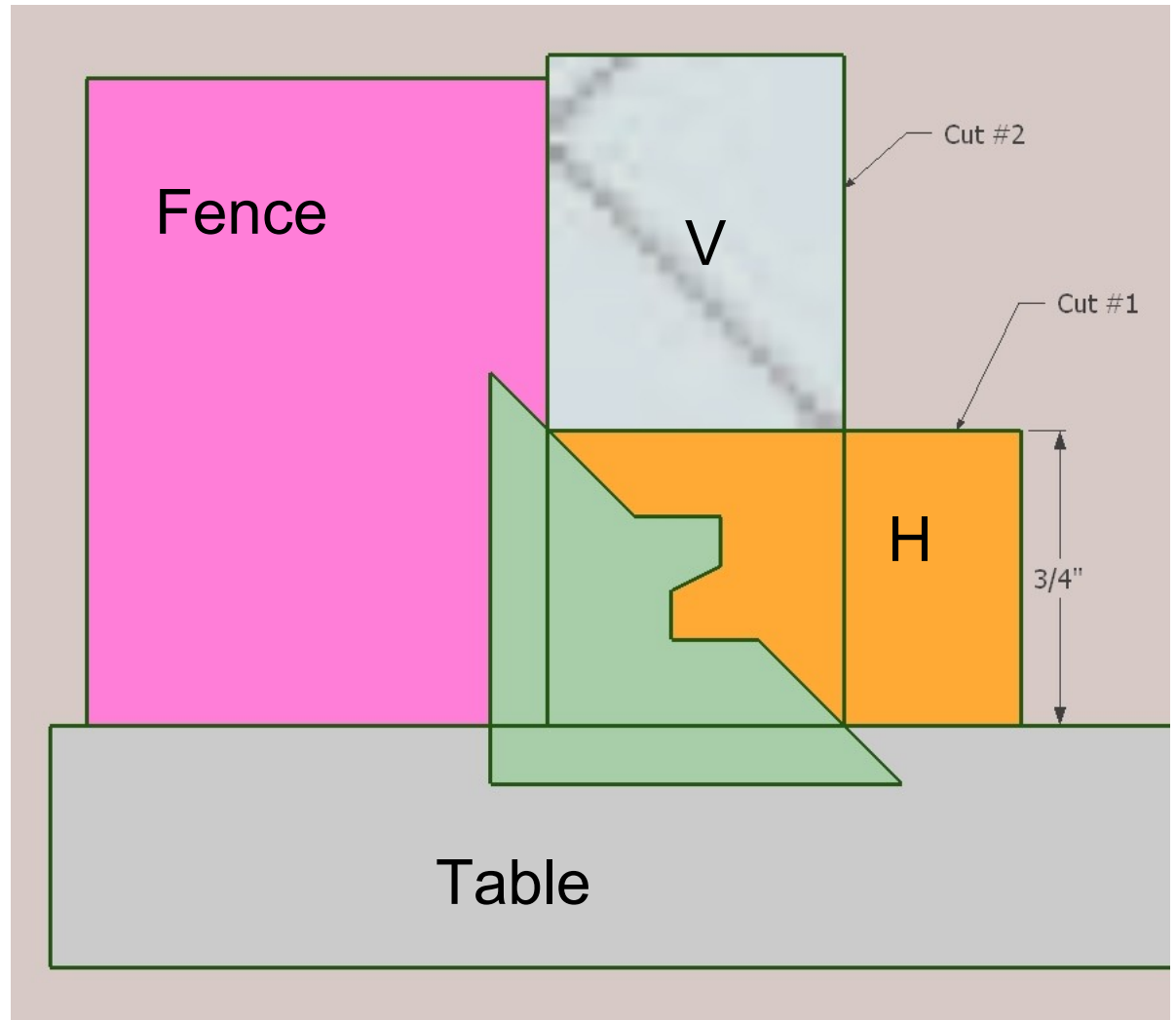


•2 corner edges
do not meet,
about 1/8" off

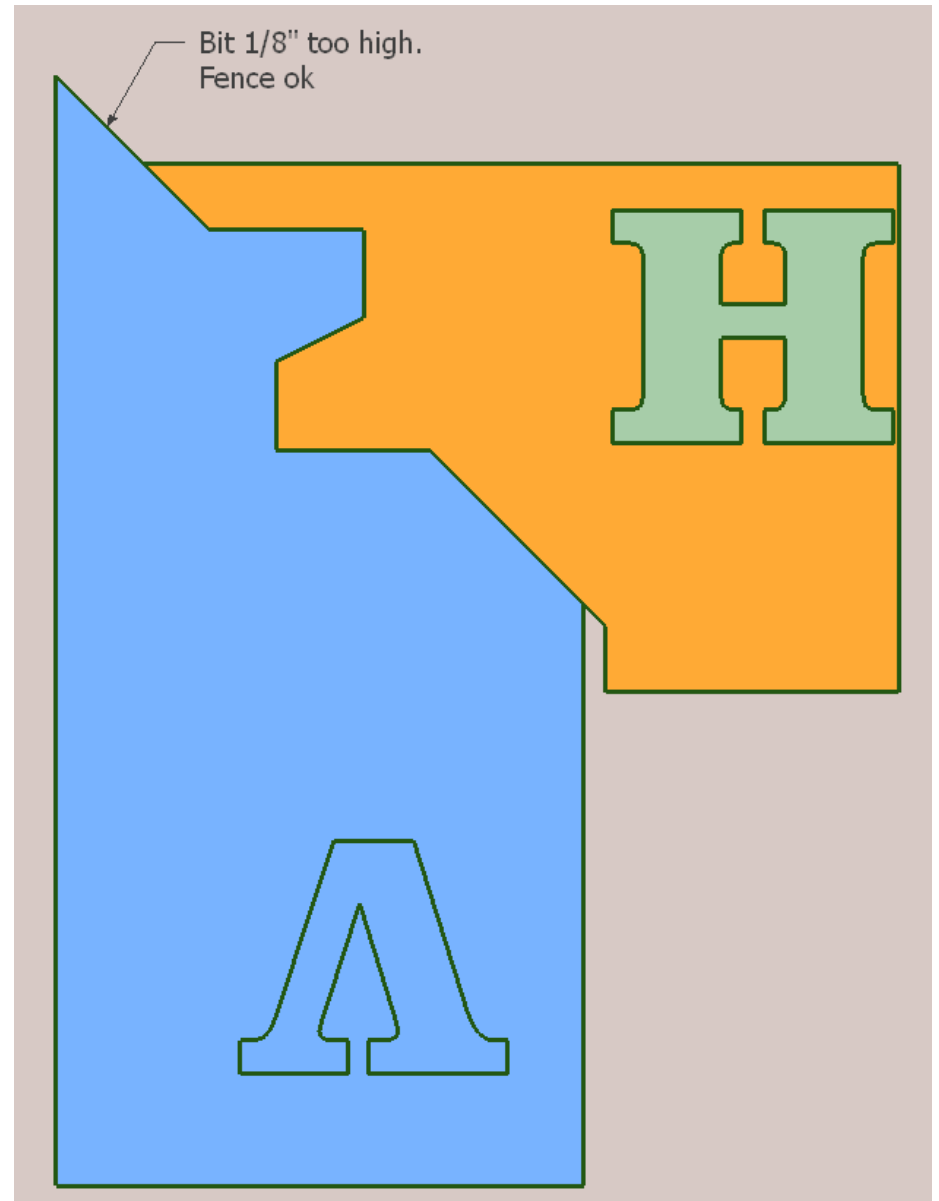
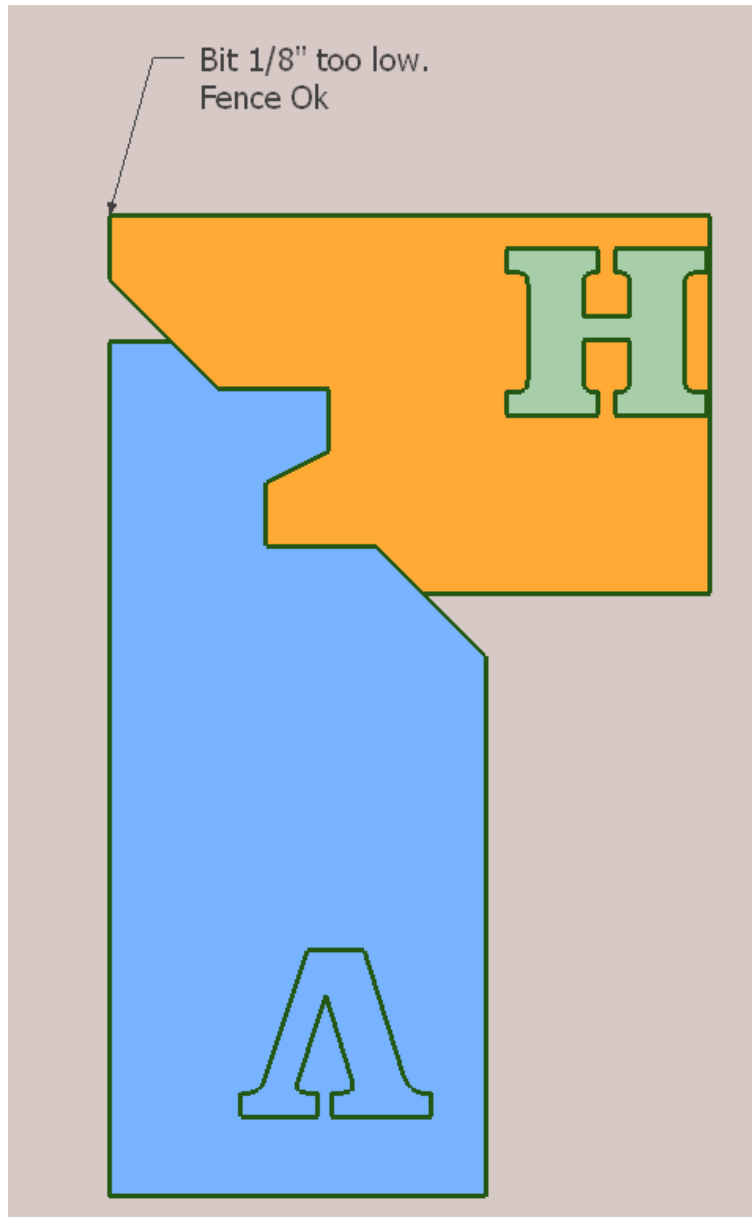
•How do I
adjust bit height
or fence depth?

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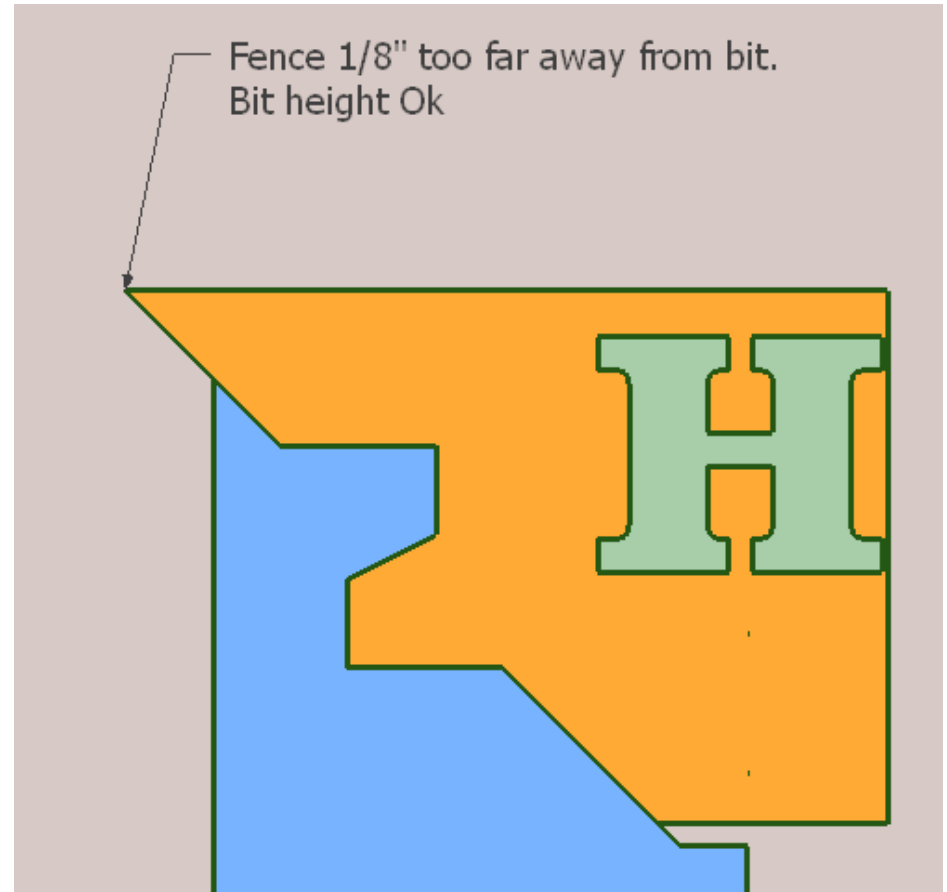
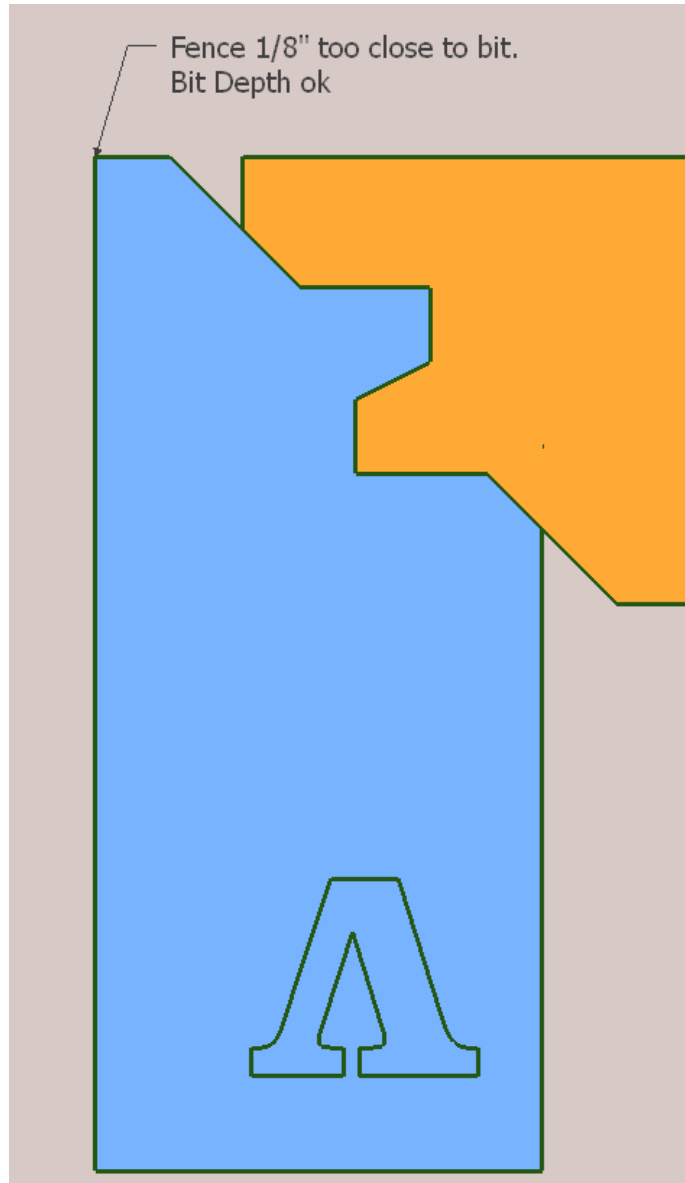
- Use Sketchup drafting program to make trouble-shooting guide
- Vary bit height & Fence depth and show what happens



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I used these charts to help me speed up the set-up.

****Put H and V on your boards**

How to Set-Up a Lock Miter Router Bit to Make Boxes

- Even if you use the set-up block, you may still have to make a couple of minor adjustments to get perfect joint
- Troubleshooting photos can help you set up the bit height and fence depth faster.
- PDF file showing troubleshooting photos in Comments Section.



•Summary:

-This video explains how to set the correct bit depth and Fence depth to make perfect Lock Miter Joints.



Hope You Enjoyed the Video !

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